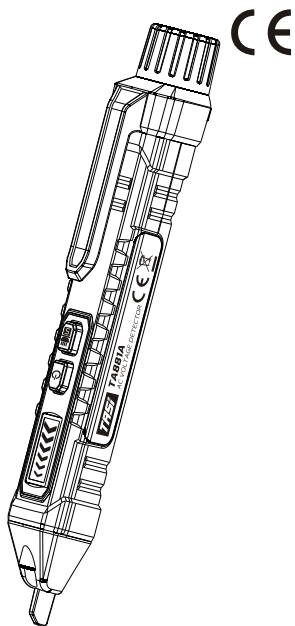


## TA881A

Non-contact Voltage detector

### Instruction manual



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Pack #:PB01-0054

Thank you very much for your patronage and choosing our products. Before you use this product please read this manual carefully as it will familiarize you with the correct operating procedure of our TASI product.

### ⚠ Warning:

Please read the instruction manual carefully before use and strictly observe the safety rules and the caution, attention and warnings listed in the instruction manual.

### Safety instruction

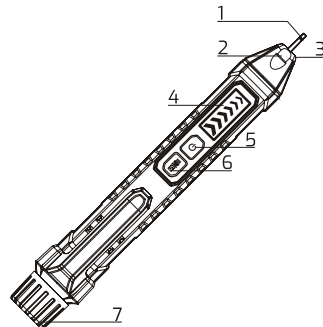
#### ⚠ Warning

To avoid possible electric shock or personal injury:

- If the voltage detector is not used according to the instruction, the protection function of the voltage detector may be affected or invalidated;
- If there is no display on the display screen of the voltage detector, please do not use it;
- Before using the voltage detector, please test it on the live power supply to ensure that the voltage detector is in good working condition;
- When using the voltage detector, even if there is no display or sound alarm, there may still be voltage. The voltage detector indicates the effective voltage when there is a supply voltage to produce an electrostatic field of sufficient strength. If the field strength is very weak, the voltage detector can not detect the existence of voltage. The existence of voltage may be affected by several factors, including but not limited to: shielded wire/cable, thickness and type of insulation, distance from voltage source, complete insulator, differences in socket design, etc;
- Do not use the voltage detector if it is damaged or unable to work properly. Before use, check the tip of the probe for cracking or breakage. If there is any doubt, please send it for repair in time;
- Do not apply more than the rated voltage marked on the voltage detector;

- Be careful when testing voltages above 30V AC, as there is a risk of electric shock;
- Comply with local and national safety regulations and use appropriate protective equipment in accordance with local or national authorities.

### The meter structure



- |   |              |
|---|--------------|
| 1 Probe (NCV sensor)                                  | 2 Flashlight |
| 3 Signal indicator                                    | 4 Display    |
| 5 Power switch  |              |
| 6 sensitivity/Flashlight (With sensitivity indicator) |              |
| 7 Battery cover                                       |              |

### Technical parameters

Working voltage	
AC voltage	12~1000V, 50/60Hz
Use environment	
Working temperature	0~40°C
Storage temperature	-10~50
Storage humidity	≤95%
Altitude	≤2000meter
Safety level	
CAT.III 1000V; CAT.IV 600V;CE	
Power supply	2X1.5V AAA batteries

## Operation description

### Power on/off

Press the power button and keep it for more than 1 second to start the machine. The display screen will light up and enter the test state; press the power on key to turn off the machine when it is on.

### High/low sensitivity

Default low sensitivity test state Press sensitivity switch/flashlight (less than 1 second), it can switch between high and low sensitivity; when the sensitivity indicator is on, it is in high sensitivity test state, when it is off, it is in low sensitivity test state.

#### Notes:

High sensitivity: 12~1000V

Low sensitivity: 48~1000V

### Flashlight

Press the sensitivity switch / flashlight key and hold it for more than 2 seconds, the flashlight will be on; When the flashlight is on, press the sensitivity switch/ flashlight button again for more than 2 seconds, then the flashlight will be off. No induction signal and no operation, the flashlight will be automatically off after 3 minutes.

### AC voltage detection

When the probe of the voltage detector is placed close to the AC voltage source, the signal indicator light will be on, the analog bar on the display screen will increase or decrease with the voltage signal intensity, and the beep will also increase or slow down with the signal strength. In general, when the backlight is red, the voltage detector detects the live wire; when the backlight is green, the voltage detector detects the null wire or ground wire.

#### Note:

When the null wire and fire wire are to be distinguished, if the null wire and fire wire are close to each other, detects this two wires separately. If it can't be separated, it can be distinguished according to the detected signal strength.

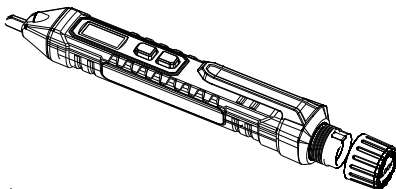
The one with strong signal is the live wire, and the one with weak signal is the null wire.

### Insufficient voltage prompt

When the battery voltage is insufficient, the induction lamp of the voltage detector will be all turned on once and then turned off. Please replace the battery in time.

### Replace the battery

As shown in the figure below, rotate the battery cover, remove the old battery, and install the new battery according to the positive and negative directions of the battery.



#### Warning:

To avoid electric shock, do not use the electric probe to detect the voltage before locking the battery cover.

### Product clean

Clean with a wet cloth. Do not use detergent or other chemicals to clean it.

#### Notes:

After cleaning, the voltage detector can only be used after it is completely dried.

# TASI



Product: Non-contact Voltage detector

Model: TAB81A

Manufacture place: **MADE IN CHINA**

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